are not Hexangular like Cryſtals, but oftentimes of the form of a Chiſſile.

I ſaw a little Particle of Cryſtal, which tho very ſmall, I could perceive to be of a Triangular ſhape, two Angles of it being a little larger than the third, as is repreſented in Fig. 13. between N and O.

I ſaw alſo ſome Salt Figures like Fig. 8. between A and B, but they had a thickneſs in 'em which was viſible to the Eye, beſides a great many other irregular Salt Particles, which were ſo very numerous in a ſmall quantity of Water, that I was aſtoniſht at it.

I cauſed the Water, that almoſt always ſurrounds the Salt Particles, to exhale leiſurely by the warmth of a Candle, and then I could diſcover a great many coagulated ſmall Salts without any viſible figure.

II. *A Regiſter of the Weather for the year* 1692, *kept at* Oates *in* Eſſex. *By Mr* John Locke.

I Herewith ſend you the Copy of my Regiſter of the Weather, from the 9th of *Decemb.* 1691. to the end of the year 1692. It is fit I explain a little to you ſome things in the Table, for the better underſtanding of it.

The firſt Column, having D at the top, contains the day of the month.

That with H, the hour of the day, which beginning from one of the clock in the morning, I count round in one continued ſeries to 24, which is 12 a clock at night.

The Column *Ther* is that of the Thermoſcope, which was a ſealed one, whereof you will find a larger account hereafter.

The Column *Bar* marks the height of the *Mercury* in the Baroſcope.

The firſt number is the inches of its height, the ſecond number marks the 20th parts of an inch above that inch marked by the firſt number.

The Column *Hyg.* is that which marks the moiſture of the Air. The Inſtrument I uſed was the beard of a Wild Oat, of which each turn was divided into ſixteen degrees.

The Column of the Wind mark'd the point the Wind was in, but not always exactly, becauſe the Weather-cock viſible out of my Window was ſtiff, and turn'd not eaſily, nor was the Houſe it ſtood on ſituate exactly Eaſt and Weſt; ſo that it was not eaſie by the ſtanding of the Weather-cock to know exactly the point of the Wind: Wherefore I contented my ſelf to ſet down barely one of the 4 cardinal points, when the Wind was pretty near it; and when it was more remote, the two cardinal points between which it was, putting the Letter of the cardinal point firſt to which it was neareſt; as when the Wind was between the South and the Weſt, if it were nearer the Weſt than the South, I writ W. S. and ſo of the reſt.

I marked beſides the force of the Wind, which I divided into four degrees. 1. When it juſt moved the Leaves. 2. When it blew a pretty freſh gale. 3. When it was a hard and whiſtling Wind. 4. When it blew a ſtorm. Though theſe diviſions were not made with that exactneſs as they might have been, had one had an Inſtrument on purpoſe, yet they may give ſome help to thoſe who would make obſervations from ſuch Regiſters as theſe. (o) was when there was not Wind enough to move a Leaf as I could ſee.

As to the Weather. *Cloudy* ſignifies more of the Sky (viſible out of the Windows of my Study, which were Eaſt and South) cover'd with Clouds, than not. *Fair* the contrary.

Be-

Between when it was uncertain whether more of the Sky was cover'd or clear. *Cover'd* when no part of the clear Sky appear'd. *Cloſe* when the Sky was cover'd with one uniform thick Cloud.

I have often thought that if ſuch a Regiſter as this, or one that were better contriv'd, with the help of ſome Inſtruments that for exactneſs might be added, were kept in every County in *England*, and ſo conſtantly publiſhed, many things relating to the Air, Winds, Health, Fruitfulneſs, *&c.* might by a ſagacious man be collected from them, and ſeveral Rules and Obſervations concerning the extent of Winds and Rains, *&c.* be in time eſtabliſh'd, to the great advantage of Mankind. Whether you will think it worth the Royal Society's conſideration and promotion, I leave it to you. From this ſolitary one there is little to be collected. The pains is ſo little, that I indulg'd my Curioſity, when it coſt me the writing not ſo much as a line a day. For, though beſides the ordinary Obſervation, which I ſet down commonly every morning, there ſeldom happen'd any Rain, Snow, or other remarkable change, which I did not ſet down. But as you ſee, a few Letters and Figures do it; ſuch as it is I ſend it you, and if it may be of uſe to any one I ſhall be glad.

N. B. That the Thermoſcope mark'd 4, which I made uſe of till *Mar.* 7. 1701. was one of thoſe ſold by Mr *Tompion*, wherein 0 mark'd Temperate, and the Figures from thence increaſing both upwards and downwards, ſhew'd the increaſe of Heat and Cold from Temperate. *Sept.* 22. 1701. I began to uſe a new ſealed Thermoſcope, adjuſted to a Scale made by Mr *John Patrick* in the *Old Baily*, who places 0 at the top, ſuppoſing it to be the Heat under the line, and ſo the Figures increaſe downwards, with the increaſe of Cold. Temperate being placed at 45. This Thermoſcope is marked 5 in my Regiſter.

DECEMBER, 1691.

D	H	Ther. 4	Bar.	Hyg.	Wind.	Weather. *Decemb.* 1691.
9	16	1. 2	30. $\frac{4}{20}$		S. 1	Fog.
10	17	2. 1	4		SE 1	Fair.
11	10	3. 1	4		S E 1	Fog.
12	9	3. 6	3		E 1	Froſt, Cloſe.
13	9	3. 4	30. 0		E 1	Cloſe.
14	9	3. 7	29. 17		E 2	Froſt, Fair.
15	9	4. 2	30. 0		E 3	Froſt, Fair.
16	9	4. 4	4		E 3	Froſt, Fair.
17	9	4. 6	6		E 1	Froſt, Fair.
18	9	4.	5		N E 1	Cloſe.
19	9	3. 3	3		N E 1	Fog, Thaw.
	24		29. 19		1	Cloudy, a little Rain next morning.
20	10	3. 4	18		N 1	Cloſe.
21	9	3. 6	19		N 1	Fog, Froſt.
22	9	4.	18		N 1	Cloſe.
24	10	2. 6	14		S W 2	Cloudy.
25	21	2. 1	15			Fair.
26	21	1. 7	13		W 3	Cloſe.
	24		12			Rain before next morning.
27	18	1. 6	6			
28	16	2. 6	9		S W 2	Fair.
	22		8			Rain.
	24		7		S 2	Rain hard.
29	9	3.	4			Cloſe, & ſome time aft. Rain
	19	2. 7	4			Snow beginning at 6.
30	8	3. 7	10		N. W	Fair.

D	H	Ther. 4	Bar.	Hyg.	Wind	Weather. *Decemb.* 1691
31	9	4. 7	12		N W o	Fair, hard Froſt.
	17	3. 3	10		S E 1	Cloudy, Thaw

JANUARY, 1692.

1	9	3. 7	29. 11	47	S E 1	Cloſe, Snow at 10.
2	9	3. 7	14	43	W 1	Fair.
3	9	3. 5	8	41	S 2	Clouds.
4	8	3. 6	11	43	S 1	Cloudy.
5	9	3. 7	13	43	S 1	Cloudy.
6	8	4. 3	11	36	S 2	Cloſe.
	16	4.	8	36	E 3	Cloſe.
	20	4. 2	6	41		Snow.
7	10	4. 1	7	45	E 2	Cloſe.
	24	3. 7	17			Cloſe.
8	9	4. 1	30	45	N E 1	Cloſe.
9	9	2. 6	29. 18	50	S 3	Cloſe.
	20		15			Rain.
10	9	2. 7	18	44	S W 1	Fair.
	12			26		In the Shade.
11	9	2. 6	30. 4	48	W N 1	Cloſe, with a little Fog.
	24	2. 5	30. 8	41		Very fair all the afternoon, now cloſe.
12	9	2. 7	9	44	W 1	Miſty.
13	9	3. 4	9	46	S 1	Cloſe.
14	9	3. 7	7	48	E 1	Fog.
15	9	4. 4	6	31	E 1	Fog, Froſt.
16	9	4. 5	2	45	N 1	Fair, hard Froſt.
17	10	4. 1	29. 18	43	N E 2	Cloſe, hard Froſt.
18	8	4. 1	12	35	N W 2	Fair, Rain and Snow for an hour about 16.

D	H	Ther. 4	Bar.	Hyg.	Wind	Weather. *January*, 1692.
19	9	3. 7	9	44	N W 2	Snow till 13
20	8	4. 5	5	43	N W 1	Fair. Some Clouds. Snow in the afternoon.
21	9	5. 7	6		N 2	Fair. Snow in the afternoon.
22	9	3. 6	9	18	N W 2	Very fair, hard froſt.
	10	6. 2				In a Northern Cloſet without Fire at any time.
	24	6. 5½				In the ſame Cloſet, very hard Froſt.
23	9	5. 7	11	31	N W 2	Fair, Snow a little at 14.
24	9		11	28	N W 1	Cloudy, hard Froſt.
25	9	5. 6	10	31	N W 1	Fair, hard Froſt.
26	9	6. 0	9	32	N W 1	Cloudy, hard Froſt.
27	7	5. 3	7	33	N 1	Cloudy, hard Froſt.
28	9	4. 6	4	33	N 1	Snow in the night, and Snow ſtill.
29	9	5. 6	2	32	W 1	Cloſe, Snow all afternoon.

N. B. I ſuſpect that from the 23d to the 29th incluſively, the Hygroſcope has been counted 16 Degrees, *i. e.* one whole turn too high, it being all that while very hard Froſt.

30	9	4. 4	2		N W 2	Snow.
31	9	5. 3	8		N W 1	Cloſe.

FEBRUARY, 1692.

D	H	Ther. 4	Bar.	Hyg.	Wind.	Weather. *February*, 1692.
1	8	5. 0	10	19	W	Fog.
2	9	5. 6	11	19	W 1	Fog.
3	8	5. 7	11	20	W 1	Fog.
4	9	5. 5	9		E 2	Cloſe.
5	9	5. 4	7	26	E 3	Cloſe, Snow in the evening.
6	9	5. 1	29. 0	20	E 1	Snow.
7	9	4. 6	2		N 1	Cloſe Fog, little Thaw at 12.
8	9	4. 6	29. 0	40	N E 2	Fog, Snow in the night.
9	8	5. 3	29. 0		N E 2	Snow.
10	9	5. 5	1		N E 2	Cloſe.
11	8	6.	8		W 1	Fair.
12	9	7. 0	11		N W	Cloſe, Freezing exceſſively.
13	9	4. 2	5		S W 1	Cloſe Thaw. It may be obſerved between the Thermoſcope to day and yeſterday morning, there is the difference of two whole Degrees and $\frac{6}{8}$, a greater riſe than one ſhall ordinarily find. The Thermoſcope was unmoved in a corner of a very large room, out of all reach of the Fire whereby it might be alter'd.
14			7			Cloſe.
16	2		10			Cloſe.
17	19		9			Fog.
18	12		5		W	Snow.
26	2		11		W 2	Cloſe.
27	9	2. 3	29. 8		W 2	Fair. Rain from 15 to 19.
28	9	3. 1	6		W 3	Cloſe, Snow laſt night.
29	9	3. 6	6		S W 2	Cloudy. Snow laſt night.

MARCH

MARCH, 1692.

D	H	Ther. 4	Bar.	Hyg.	Wind.	Weather. *March*, 1692.
1	8	2. 7	28. 17		S W 3	Fair.
2	8	3. 1	29. 5		S W 3	Fair.
3	7	2. 6	8		W S 2	Fair.
	16	1. 4	8		W S 1	Rain very gently till 20, hard till 23.
4	9	3. 1	14		N E 2	The Ground cover'd with Snow. Close.
5	9	3. 4	18		W 2	Cloudy.
6	9	2. 4	11		W 2	Rain till 16.
	16	2. 0	9		W 1	Rain.
	22	2. 2	10			Fair.
7	9	3. 5	10		W 2	a little dropping.
	12		9		W N 2	Snow for ¼ hour.
8	9	3. 3	14		W 1	Fair.
9	8	3. 3	15	25	S W 2	Fair.
10	9	6	19	17	S 1	Fair.
	17	2. 2	18	19	W 2	a little Rain.
11	9	1	19	25	W N 1	Close.
12	9	5	30. 1	23	N W 1	Close.
	14	2. 0	30. 0	24	W N 2	Close. Small Rain at 15 till 16.
	16	1. 7	29. 19	40	W N 1	very gentle Rain.
	23	7	16		N W 2	hard Rain for 3 or 4 hours past.
13	9	2. 3	13		W N	very gentle small Rain.
	12		11		N W 2	Fair.
14	9	2. 6	11	27	N W 2	Close.
	16	5	13	25	N E 3	Fair.

D	H	Ther. 4	Bar.	Hyg.	Wind.	Weather. *March*, 1692.
15	8	4. 0	16	26	N E 2	Cloſe, Froſt laſt night.
16	9	3. 4	14	25	N W 1	Cloſe.
	13	0	13	20	N W 1	Fair. Rain in the night.
17	9	3. 0	8	25	N E 1	Cloſe.
	13		7		S E 1	Cloudy.
	18	2. 2	6		S E 2	Cloſe.
	19		5	29		Small Rain.
	23		4	35		Cloſe. Much Rain in the night.
18	8	2. 3	1	41	W S 2	Cloſe.
19	9	6	3	34	S W 2	Cloudy.
20	9	2	2	31	S 2	Cloudy. Rain laſt night, Houſes yet dropping.
21	8	3	3	29	0	Cloſe.
	14	1. 3	3	27	N E 2	a very little Shower.
22	8	3.	6	27	N E 1	Cloſe, a little very little Snow in the aftn. ☿ riſing.
23	8	3. 5	10	26	1	Clouds.
	17	2. 7	10	20	S W 1	Cloſe.
24	8	3. 5	29. 14	24	S W 1	Very fair, little Snow and Hail about 13, the ☿ falling a little.
25	8	2. 7	10	27	S W 2	Fair.
26	8	1. 6	2	35	3	Rain very little at night.
	12		5		S W 4	Cloſe.
	18	1. 0	7	29	S W 2	Cloſe.
	24		7	34	1	Hard Rain, the ☿ a little fallen.
27	8	1. 0	7	37	W S 2	Cloſe.
	17	0. 2	2	33	W 1	Small Rain.
28	7	0. 7	12	33	W 1	Cloſe.

D	H	Ther. 4	Bar.	Hyg.	Wind	Weather. *March*, 1692.
	16	0. 5	12	30	W 1	Fair.
29	8	1. 6	10	32	W 1	Rain. Rain a great deal laſt night.
	13		8	2	N 1	Cloſe, miſling Rain all this morning till now.
	15		7		N 1	Cloſe
	22	1. 6	5	31		Fair.
30	8	2.	1	32	W 2	Cloſe, Rain laſt night.
	15		2		NW 3	Rain, as almoſt all this morning.
	19		3		NW 3	Rain gently, as the great part of this afternoon.
	24		6			Fair.
31	9	3. 1	6	29	NW 1	Fair.
	24		3			Cloſe, Rain in the following part of the night.

APRIL, 1692.

1	9	2. 6	2	32	S 1	ſmall Rain.
	24		1			The greateſt part part of the foregoing day gentle Rain.
2	9	1. 7	28. 16	39	S E 2	Cloſe, Rain a great deal laſt night, ſo as to make a Flood
	16	1	17		S W 2	Fair.
	24		19			Cloſe, Rain in the following part of the night.
3	9	2. 2	29. 0	23	N 2	Cloſe.
	14	1. 7	2	32	NW 3	ſmall Rain.
4	8	3. 4	10	30	N 2	Fair.

D	H	Ther. 4	Bar.	Hyg.	Wind.	Weather. *April*, 1692
5	8	3. 2	19	26	NW 1	Cloudy.
	14	2. 1	19	26	NW 1	Rain, the ☿ a little riſen, the Rain laſted about an hour.
	14	2. 1	19	26	SE 1	Rain.
	17	2. 1	19	26	SE 1	Rain.
6	8	3. 2	30. 3	27	NE 1	Cloudy.
7	8	3. 0	4	25	N 1	Fair.
	3		2	25		Cloſe.
8	8	2. 4	2	23	NE 1	Cloſe.
	42	1. 7	1	22		Cloſe.
9	8	2. 0	29. 19		NE 1	a little Fog.
10	9	3	30. 0	21	NE 2	Fair, $\frac{13}{16}$ 23 $\frac{16}{16}$.
11	8	4	2	17	NE 1	not a Cloud 16 $\frac{15}{16}$.
12	8	2	1	12	NE 1	ſcarce a Cloud 15 $\frac{2}{14}$.
13	8	1. 4	34. 0	7	NE 1	not a Cloud.
	13	0. —2	29. 19	3	E 1	not a Cloud, but a thick air call'd a red Wind.
14	8	1. —0	16	10	NE 1	high Clouds.
	23	0. —3	15	8		Clouds.
15	7	0. —3	15	9	NE 1	very fair.
16	8	0	18	8	W 2	very fair.
17	9	0. 3	17	6	SW 2	very fair.
	23	0. —6	16	7		ſmall Rain for a little while.
18	19	0. 1	15	18	SW 2	Cloudy.

In the Cloſet on the North ſide of the Houſe.

	15	0. 3	14	16	SW 2	Cloſe.
	23	0. 2	14	18		Rain.

D	H	Ther. 4	Bar.	Hyg.	Wind.	Weather. *April*, 1692.
19	9	1. 0	15	18		Fair.
	16	0. 5	15	16	S W 3	Cloſe.
20	9	0. —2	15	16	W 1	Fair.
	9	0—	6	18	S W 2	Cloſe, a little Rain this morning.
21	23	C. 4	1	27	2	Rain, as it had been moſt part of the day.
22	8	1. 1	29. 0	17		
30	24	2. 3	4	21	N E 3	Rain, and all the day before Rain.

M A Y, 1692.

1	10	2. 2	8	29	N E 2	Cloudy.

In the Chamber, on the South ſide of the Houſe.

2	8	2. 1	12	29	N W 2	Cloudy, Rain laſt night, ☿ was at 23 laſt night as now.
	18	3	11	27	1	Fair, 2 or 3 ſhowers ſince 8.
3	9	2	14	29	N E 1	Fair.
4	11	1	14	26	N W 1	Fair.
5	8	2. 6	16	23	N W 2	Cloſe.
6	8	6	16	24	N W 1	Fog.
7	8	0. —2	14	21	W 1	Fair.
	19		13			Rain.
8	9	0— 3	17	16	N E 1	Cloudy.
9	8	0— 2 1	19	13	N E 1	Fair.
10	7	2 2	19	12	N E 2	Fair.
13	17	0— 2	19	5	N E 2	Fair.
14	10	1. 0	19	12	N E 2	Fair.

D	H	Ther. 4	Bar.	Hyg.	Wind.	Weather. *May*, 1692.
15	9	o——2	19	12	N E 1	Rain a little.
	16	o——4	19	13	N E 1	A few drops, the ☿ ſunk a very little.
16	7	o	17	13	E 1	Fair.
17	8	o——4	29. 14	8	N E 1	not a Cloud.
18	7	o——6	29. 12	5	S 1	Clouds, a little ſhower about 10.
19	9	o——5	12	6	W 2	Cloudy, *i. e.* more Clouds than clear Sky.
20	9	3	10	5	S E 1	Cloudy.

N. B. Cloudy ſignifies more of the Sky cover'd than clear. Fair ſignifies more open Sky than cover'd with Clouds.

21	9	o	9	6	S W 1	Cloudy.
	8	o——1	9	5	S W 1	Rain for about an hour.
22		o——1	12	6	N E 1	Cloſe, *i.e.* the Sky nowhere to be be ſeen for Clouds, a ſhower about 17.
			18	7	W 1	Fair, *i. e.* more Sky than Clouds.
			18	8	S W 1	Very Fair.
			18	7	WN 2	Hard Rain about ¼ of an hour.
		1	18	7	S W 2	Hard Rain.
24		——5	17	8	N E 1	
25	8	5	14	8	S E 1	
26	8	1	10	6	E N 1	
	18		10½	8	N E 2	Cloſe, a Thunder ſhower at 19, the ☿ being riſen to 11.
27	7	7	12	7	N E 2	Cloſe.

D	H	Ther. 4	Bar.	Hyg.	Wind	Weather. *June*, 1692.
28	7	⊙ 1	14	7	N E 2	Cloudy.
	12	○ 7	14	9	N E 2	Cloudy.
29	8	1. 1	13	10	W 2	Cloudy.
	13	1. 3	13	10	W 2	Rain.
30	6	○ 2	15	8	W S 1	Close.
	11	○	13	8	S W 3	Rain till night.
	14	○ 1	11	9	S W 3	Rain.
	21	3	3	14	3	Rain hard.
	24	3	29.	17	4	Close.
31	7	○ 3	1	14	W 4	Cloudy.
	24		2		W 4	Cloudy.
	24	1	4	12	2	Fair.

J U N E, 1692.

1	7	○ 4	6	12	W 3	Fair.
2	7	○	4	13	W 2	Cloudy.
	10	○ 1	4	13	W 4	A ſhower for about ♐ an hour, and then Fair and Calm again, at 11 Rain again, the ☿ a little raiſed. Several ſhowers in this day.
3	8	○ ½	13	14	W 1	Cloſe.
	9	○	14	14	N 1	Rain a little.
4	6	○	14	13	S 1	Fair.
	23	○ 7	7	13	1	Cloſe.
5	9	○ 5	4½	13	S W 3	Cloudy.
	12	○ 6	4	14	S W 2	Hard Rain ¼ hour, ſeveral ſuch ſhowers this aftern.
6	7	○ 2	29. 5	14	S W 1	Cloudy.
	10	○ 3	5	14	S W 2	Hard Rain ¼ hour.
7	7	○ 2	6	13	S E 2	Betwixt Cloudy and Fair.

D	H	Ther. 4	Bar.	Hyg.	Wind.	Weather. *June*, 1692.
	11	o—1	6	13	S E 2	Hard Rain ¼ hour, and a very great ſhower 1 hour, ☿ ſtanding as it was.
☌	☌	o—4	7	13	o	Fair.
9	9	o—1	6½	15	W S 1	Rain a good part of laſt night, & all this morning.
	24	o—6	11	18	2	Rain all the afternoon till 20 or 21, the ☿ all the while riſing, now Cloſe.
10	9	o—4	12	18	o	Cloſe, Rain the paſt morn.
11		o—1	13	19	S W 2	Cloudy.
		—1	14	19	☽ W. 2	Rain ¼ hour.
		—1	17	17	S W. 2	Very Cloudy.
		o—	17	19	W 1	Cloudy.
14		1	16		W 1	Cloudy.
15		o	15	18	N 1	Very Fair.

In my abſence, the Thermoſcope being obſerved, it was found from the 15th of *June* to the 11th of *Auguſt*, never to get ſo high as 3, and was very often below Temperate, ſo cold was this Summer.

AUGUST, 1692.

13	19	2. 6	29. 10			Cloudy, Rain about 21.
14	9	1. 5	29. 10		S W 2	Cloudy.
	11	1. 6	29. 10	17	S W 2	Rain.
	23	1. o	12	17		Fair.
15	9	1. 2	8	25	E 2	Cloudy, Rain laſt night.
	12	1. 5	7	26	S E 2	Rain.
16	8	o—5	12	25	W 2	Fair.
17	8	o—2	15	21	S E 1	Fair.

D	H	Ther. 4	Bar.	Hyg.	Wind.	Weather. *Auguſt*, 1692.
18	7	1. 1	14	22	S W 1	Cloudy.
	24	2. 1	13	22		Small miſty Rain.
19	9	1. 4	15	22	W 2	Cloſe.
20	8	1. 1	18	20	S W 1	Very Cloudy.
21	8	1. 0	16	19	S 1	Fair.
	10	1. 3	16	19	W 1	Very Small Rain.
	12	1. 5	16		W 1	Very Cloudy.
22	8	1. 6	18	18	NW 2	Fair.
23	9	0 5	30. 0	16	S W 1	Not a Cloud.
24	8	0 3	30. 0	15	0	Not a Cloud.
25	8	1. 1	29. 19	15	S W 1	Not a Cloud.
26	8	1. 2	16		S E 1	Not a Cloud, ☿ gently ſinking ever ſince yeſterday morn.
	1	3. 5	16		1	Fair.
27	7	1. 5	14	12		Thick Fog.
28	8	1. 1	29 16	12	NW 2	Very Fair.
29	9	0 7	16	10	NW 1 rac. SE	Very Cloudy.
	17	1. 3	15	12	0	Cloſe, ſome ſmall drops.
30	8	0 5	13	12	NW 2	Cloſe.
	20	1. 0	12	13	N E 1	A little Rain.
31	8	0 2	13	12	NW 1	Very Fair.

SEPTEMBER, 1692.

1	9	1. 0	11	13	S W 3	Cloudy.
	12	1. 3	11	13	S W 3	A little Rain.
	14	1. 4	11	13	S W 2	Hard Rain for 1 hour, and ſoft till 17.
2	3	0 2	14	11	W 2	Fair.

D	H	Ther. 4	Bar.	Hyg.	Wind.	Weather, *Octob.* 1692.
3	9	o 6	14	10	W 2	Cloudy.
4	8	2. o	15	8		
5	8	1. 6	16			Very Fair.

OCTOBER, 1692.

18	22	o 6	29. 11		W 2	
19	9	o	4		S 3	Rain,
20	9	1. 2	5		S W 2	Very Fair.
	18	o 3	2	16	S W 4	Rain.
21	9	1. 4	10	17	WN 2	Not a Cloud.
	24	o 5	15	16		Rain.
22		o	16	37	W S 3	Cloudy.
	16	o 3	17	33	W S 2	Cloudy.
23	9	o 3	17	33	S W 1	Cloudy.
	15	o 3	16	24	S W 1	Fair.
24	9	o 5	15	27	S W 2	Fair.
	14	o 1	16	30	S W 1	Small miſt.
25	8	o 5	30	30	W 2	Cloſe.
	15	o 1	29 19	29	W 2	Scarce a Cloud.
26	9	o 5	16	28	W 1	Cloudy.
27	9	1 1	13	27	W 1	Cloſe.
	23	o 7	13	27	1	Cloſe, a little miſling Rain good part of the aftern.
28	9	1. o	15	28	NW 1	Cloudy.
29	9	1. 1	17	28	E 1	Cloſe, a little Fog.
		o 7	18	29	E 1	Cloſe, a little gentle Rain about 15.
30	9	2 1	30. 1	26	E 2	Cloudy.
31	8	3 o	29 19	18	N E 1	Fair.

D	H	Ther. 4	Bar.	Hyg.	Wind	Weather. *Novemb.* 1692.
	11	2. 6	18	19	N E 1	Hard Snow, which laſted till paſt midnight.

NOVEMBER, 1692.

1	9	3. 5	29. 9	19	N E 1	Fair, ſcarce a Cloud.
2	11	4. 0	7	20	S W 1	Rime and Froſt.
	15	3. 6	7	20	S W 1	Snow, which began at 13 and laſted to 20.
3	9	3. 5	7	23	W 1	Cloſe.
	12	3. 0	5	25	W S 1	Rain, which began at 11 and laſted till 17.
	24	2. 0	1	39	3	Cloſe, Rain before 1, and ſo the greateſt part of night.
4	9	1. 5	3	40	S 2	Cloſe.
5	9	1. 4	13	36	N E 1	Cloſe, Rain laſt night.
6	9	2. 0	15	33	N E 1	Cloſe.
7	8	2. 2	16	32	N E 0	Cloſe.
8	9	2. 1	14	32	E N 1	Cloſe.
	16	2. 0	14	33	N E 1	Rain, which began at 14, and continued till 24.
9	9	2. 2	13	33	N 2	Small Rain for a very little while.
10	9	2. 4	17	32	NW 1	Not a Cloud.
11	9	2. 4	17	30	W 1	A little Fog.
	16	1. 6	14	32		Hard Rain.
12	9	1. 5	10	33	W 1	Rain.
13	9	3. 1	4	30	W 0	Fair, Froſt.
14	9	4. 2	12	28	NW 2	Very fair hard Froſt.
15	9	4. 6	16	26	W 0	Very Fair, hard Froſt.
16	10	4. 1	8	31	S 3	Cloſe, Snow laſt night from 11 the greateſt part of this day.

D	H	Ther. 4	Bar.	Hyg.	Wind.	Weather. *Decemb.* 1692.
17	9	3. 7	8	34	S 1	Very Cloudy.
	13	3. 0	6	35	S W 2	Rain.
18	8	4. 0	10	~~37~~	0	Fog, in the Cloſet on the North ſide of the Houſe.
26	22	4. 2	18		3	Cloſe, in the Cloſet on the North ſide of the Houſe.
27	10	4. 4	16	34	E 2	Cloudy.
28	9	4. 6	18	32	E 3	Fair, Froſt.
29	9	4 6	16	31	E 3	Cloſe, Froſt.
30	9	4. 5	18	33	E 3	Cloudy, Froſt.

DECEMBER, 1692.

1	9	4. 5	30. 0	33	E 2	Rain mixed with Hail, the Rain as it fell Froze, and continued miſling till 14 or 15.
2	9	4. 1	30. 0	38	S E 2	Rain, which began laſt night & laſted all this day.
	17	3. 4	29. 17	39		Fog.
3	9	3. 6	19	45	S W 0	Thick Fog Froſt.
4	9	2. 6	5	48	S 2	Rain all the morning.
	12	2. 3	3	49	S W 2	Cloudy.
5	10	2. 4	5	54	S W 2	Cloudy.
6	11	2	7	53	W 2	Cloudy, ſome Rain this morning.
7	9	3	3	54	W 2	Cloſe.
8	9	1. 4	28. 18	56	S W 4	Rain and Stormy Wind all this day.
	23	0	15	58	S W 4	Hard Rain.
9	9	4	16	55	S W 3	Cloudy.
	17	5	15	53	3	Hard Rain.

D	H	Ther. 4	Bar.	Hyg.	Wind.	Weather. *Decemb.* 1692.
	24	2. 1	15	52	3	Fair.
10	10	2. 4	29. 1	52	S W 1	Very Cloudy.
	24	3. 1	11	52	0	Very Fair.
11	9	3. 4	13	53	W 0	Very Fair.
	18	2	13	52	E 1	Very Fair.
12	10	3. 0	10	54	S 3	Cloſe.
	15	2. 6	6	53	S E 3	Rain a little and ſhort.
13	9	3	4	54	S E	Cloſe.
14	9	1. 6	5	56	S 2	Rain all day.
	18	1. 4	3	57	2	Rain yet.
15	9	2. 0	11	56	W 1	Very Fair.
	15	1	13	56	W 1	Thick Fog.
16	9	4	11	54	S 2	Cloſe.
	15	2. 0	11	57	S W 2	Rain from 12.
17	9	1. 6	14	56	S W 1	Cloudy,

In my Chamber on the South ſide of the Houſe.

	11	1	15	54	WN 1	Fair.
	17	4	17	49	WN 1	Fair.
18	10	2. 7	30. 3	43	E 0	Very Fair, hoar Froſt.
19	9	3. 2	0	43	S 0	Miſt. A Miſt is when the drops manifeſtly falls.
20	8	2. 6	29. 17	45	N E 0	Miſt, as it was all day yeſterday.
21	9	4	12	46	S W 2	Cloſe.
	19	1	4	48	S W 3	Rain.
22	9	1	6	48	S 1	Not a Cloud.
	24	5	0	42	3	Rain.

D	H	Ther. 4	Bar.	Hyg.	Wind.	Weather. *Decemb.* 1692.
23	9	3	28. 10	51	W 4	Rain, which had been all night.
24	10	3 2	19	45	W 1	Close
25	11	3. 3	29. 12	40	W 1	Fair, Froſt.
26	9	2. 0	3	57	S W 3	Rain all laſt night.
27	9	6	3	51	S 3	Cloſe.
	11	2	0	51	S W 4	Cloſe.
	12	1	28 19	51	S W 4	Rain all day.
28	11	3. 2	18	48	S W 2	Rain.
29	9	6	29. 6	48	S 1	Fair Froſt.
	24	2	28. 19	47	S 4	Rain.
30	9	2. 3	11	57	W 4	Rain very hard all laſt night till now.
	24	3	17	48	4	Fair.
31	9	6	15	46	W 4	Not a Cloud.
	20	5	29. 8	39	2	Rain.
	24	4	10	40	1	Cloudy.

III. Me-